

Patent Abstracts of Japan

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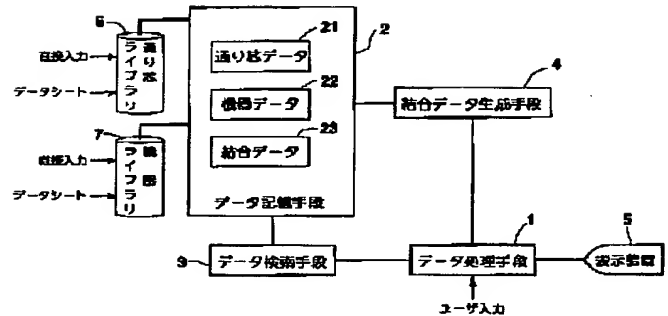
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TITLE : PLANT DESIGN SUPPORT SYSTEM



ABSTRACT : PURPOSE: To make plant design wherein the position of a passing center line is changed efficient by storing combination data on the combination of the passing center line of a building and a plant equipment in a data storage means and maintaining the combination relation.

CONSTITUTION: A passing center line library 6 and an equipment library 7 store data regarding the building such as plant equipments of a kind selected by a user and the passing center line and the data are read out to a data storage means 2 at any time. The data storage means 2 stores passing center line data 21 on the building, equipment data 22 on the plant facilities, and combination data 23 showing the combination relation, etc., between the passing center line and equipment, and the combination data are generated by a combination data generating means 4 by specifying the object passing center line and equipment and then setting their relation. Thus, the user specifies the area of optional plant facilities, then a data processing means 1 reads necessary design data out of the data storage means 2 through a data retrieval means 3 and displays the data as a diagram on a display means 5 such as a CRT.

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